CLAIMS

1. A method to observe glass (1) and to regulate the heating effect of heating elements (5) in a sheet glass hardening furnace, which furnace comprises a glass heating sector, a transportation rail (3) to transport glass (1) to and from the said heating section and said heating elements (5) to heat the glass by means of radiation and air blast, and a furnace control system to carry out the hardening process of glass (1), **characterized** in that the location area in the furnace of one or several glass sheets (1), watched from the glass sheet level, is observed with measuring instruments (6), by means of which air temperatures in the heating section above glass (1) transportation rail (3) is measured and the heating effect of their heating elements (5) raised by regulation, at which the location of glass sheet (1) is observed by means of the method.

2. A method according to claim 1 **characterized** in that detectors (6) of the temperature measuring instruments are located in the furnace one after another essentially in the course L direction of glass (1).

3. A method according to claim 1 **characterized** in that there are several detectors (6) side by side in the direction of the lines (L1 –Ln) of glass (1) course.

4. A method according to claim 1 **characterized** in that there are detectors (6) at least three one after another in the same line (L).

5. A method according to claim 1 **characterized** in that (6) are located about 10–50 mm above glass/rail (3).

6. A method according to claim 1 **characterized** in that as temperature reading of each line L the average is calculated from the reading of all detectors (L_I, L_{II}, L_M) of the line.

7. A method according to claim 1 **characterized** in that from the temperature average of each (line) (L) the glass load is concluded.

8. A method according to claim 1 **characterized** in that temperature averages are calculated during the heating cycle and the effect of heating elements of a preferred line

L is regulated depending on the temperature average calculated during heating.

9. A method according to claim 1 **characterized** in that the temperature-measuring detectors (6) are placed above rail (3) essentially to measure the air temperature and to free radiation contact down onto the glass /rail (3).